10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MSMP Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56871

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q1L6U9
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14993

Additional Information

Gene ID	692094
Other Names	Prostate-associated microseminoprotein, PC3-secreted microprotein, MSMP, PSMP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MSMP
Synonyms	PSMP
Function	Acts as a ligand for C-C chemokine receptor CCR2 (PubMed: 24442440). Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions (PubMed:24442440). Exhibits a chemotactic activity for monocytes and lymphocytes but not neutrophils (PubMed:24442440).
Cellular Location	Secreted
Tissue Location	Detected in prostate epithelium (at protein level) (PubMed:17338636). Detected in trachea and testis (PubMed:17338636) Highly expressed in benign prostatic hyperplasia and in some prostate cancers, and can also be detected in breast tumor tissue (PubMed:17338636, PubMed:24442440).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.